

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6,454,154").PN.	USPAT; USOCR	OR	OFF	2004/12/07 10:07
S2	0	("L1andsubstrate").PN.	USPAT; USOCR	OR	OFF	2004/12/07 10:08
S3	1	S1 and substrate	USPAT	OR	OFF	2004/12/07 10:21
S4	482923	S1 or substrate	USPAT	OR	OFF	2004/12/07 10:10
S5	0	S1 and standoff	USPAT	OR	OFF	2004/12/07 10:11
S6	22	hole-fill	USPAT	OR	OFF	2004/12/07 11:24
S7	241067	"257" hole-fill	USPAT	OR	OFF	2004/12/07 11:25
S8	126359	"257".clas.	USPAT	OR	OFF	2004/12/07 11:38
S9	318	S8 and "fill hole"	USPAT	OR	OFF	2004/12/08 08:36
S10	4	S9 and tooling	USPAT	OR	OFF	2004/12/07 11:28
S11	1	S9 and standoff	USPAT	OR	OFF	2004/12/07 11:30
S12	556	S8 and standoff	USPAT	OR	OFF	2004/12/07 11:31
S13	238	S12 and hole	USPAT	OR	OFF	2004/12/07 11:32
S14	53	S13 and fill	USPAT	OR	OFF	2004/12/07 11:32
S15	1844	S8 and fixture	USPAT	OR	OFF	2004/12/07 11:39
S16	0	S15 and fill-hole	USPAT	OR	OFF	2004/12/07 11:39
S17	715	S15 and hole	USPAT	OR	OFF	2004/12/07 12:39
S18	3747	174/260-266.ccls.	USPAT	OR	OFF	2004/12/07 12:40
S19	30	S18 and "filling hole" and @py<"2001"	USPAT	OR	OFF	2004/12/07 12:46
S20	274	S18 and apparatus and hole and @py<"2001"	USPAT	OR	OFF	2004/12/07 13:02
S21	1	("5244143").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:04
S22	1	("5971058").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:05
S23	1	("6029882").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:09
S24	1	("5673846").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:12
S25	1	("5982038").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:13
S26	1	("6056191").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:14
S27	1	("5965043").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:15
S28	1	("5576052").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:16

S29	1	("5515604").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:17
S30	1	("4597826").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:20
S31	1	("6002177").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:21
S32	1	("5667418").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:22
S33	0	("257and@py<201and(fill\$hole)").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:23
S34	0	("257and@py<201and(fill\$hole)").PN.	USPAT; USOCR	OR	OFF	2004/12/07 13:23
S35	126359	"257".clas.	USPAT	OR	OFF	2004/12/07 13:25
S36	27931	S35 and @py<"2001" and (fill hole)	USPAT	OR	OFF	2004/12/07 13:26
S37	174	S35 and @py<"2001" and "fill hole"	USPAT	OR	OFF	2004/12/07 13:27
S38	355902	Injection	USPAT	OR	OFF	2004/12/07 13:46
S39	129823	S38 and (via or hole) and @py<"2001"	USPAT	OR	OFF	2004/12/07 13:47
S40	55138	S39 and fill\$	USPAT	OR	OFF	2004/12/07 13:48
S41	250	S40 and standoff	USPAT	OR	OFF	2004/12/07 14:09
S42	0	S39 and fill4	USPAT	OR	OFF	2004/12/07 14:10
S43	55138	S39 and fill\$	USPAT	OR	OFF	2004/12/07 14:11
S44	55138	S43 and (via or hole)	USPAT	OR	OFF	2004/12/07 14:12
S45	5	S43 and divice	USPAT	OR	OFF	2004/12/07 14:14
S46	12425	S43 and substrate	USPAT	OR	OFF	2004/12/07 14:14
S47	2194	S46 and sold\$	USPAT	OR	OFF	2004/12/07 14:15
S48	160	S47 and through-hol\$	USPAT	OR	OFF	2004/12/07 14:16
S49	1	("5145691").PN.	USPAT; USOCR	OR	OFF	2004/12/07 15:59
S50	1	("5191709").PN.	USPAT; USOCR	OR	OFF	2004/12/07 15:59
S51	126359	"257".clas.	USPAT	OR	OFF	2004/12/08 08:30
S52	27931	S51 and @py<"2001" and (fill hole)	USPAT	OR	OFF	2004/12/08 08:32
S53	14581	S52 and (etched hole-fill)	USPAT	OR	OFF	2004/12/08 08:32
S54	25472	S52 and (etched hole)	USPAT	OR	OFF	2004/12/08 08:32
S55	719385	S54 and feature for fill hole	USPAT	OR	OFF	2004/12/08 08:33
S56	25472	S54 and (feature for fill hole)	USPAT	OR	OFF	2004/12/08 08:34
S57	240805	S54 and [feature for fill hole]	USPAT	OR	OFF	2004/12/08 08:34
S58	231411	S54 and [feature fill hole]	USPAT	OR	OFF	2004/12/08 08:34
S59	231404	S54 and [feature fill via]	USPAT	OR	OFF	2004/12/08 08:35

S60	232068	S54 and [feature fill via]and [copper layer]	USPAT	OR	OFF	2004/12/08 08:35
S61	126359	"257".clas.	USPAT	OR	OFF	2004/12/08 08:37
S62	318	S61 and "fill hole"	USPAT	OR	OFF	2004/12/08 09:24
S63	15	S62 and [etched hole]	USPAT	OR	OFF	2004/12/08 10:35
S64	1	S61 and "fill etched hole"	USPAT	OR	OFF	2004/12/08 09:25
S65	178	S61 and "etched hole"	USPAT	OR	OFF	2004/12/08 09:42
S66	11592	S61 and pin	USPAT	OR	OFF	2004/12/08 09:43
S67	0	S66 and fill-holl	USPAT	OR	OFF	2004/12/08 09:43
S68	4856	S66 and hole	USPAT	OR	OFF	2004/12/08 09:44
S69	1916	S66 and fill	USPAT	OR	OFF	2004/12/08 09:44
S70	3321	S66 and etched	USPAT	OR	OFF	2004/12/08 09:45
S71	792	S69 and etched	USPAT	OR	OFF	2004/12/08 09:45
S72	518	S71 and via	USPAT	OR	OFF	2004/12/08 09:49
S73	0	S71 and via and coppeer	USPAT	OR	OFF	2004/12/08 09:49
S74	304	S71 and via and copper	USPAT	OR	OFF	2004/12/08 09:59
S75	154	S71 and via and copper and @py<"2001"	USPAT	OR	OFF	2004/12/08 09:59
S76	15	S61 and [etched hole]	USPAT	OR	OFF	2004/12/08 10:37
S77	6638906	S61 and [etched hole]and @py<"2001"	USPAT	OR	OFF	2004/12/08 10:39
S78	15	S61 and [etched hole]	USPAT	OR	OFF	2004/12/08 10:43
S79	388	etched adj hole	USPAT	OR	OFF	2004/12/08 10:44